

## artdaq - Support #20457

### Discuss/confirm the order of transition commands to be sent to artdaq processes

07/26/2018 10:25 AM - Kurt Biery

<b>Status:</b>	New	<b>Start date:</b>	07/26/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Co-Assignees:</b>	
<b>Experiment:</b>	-		
<b>Description</b>			
<p>Here is the email from Enrico:</p> <p>Moreover, about ranking:</p> <p>The boardreaders have ranks from 0 to X, eventbuilders X to Y, aggregators Y to Z and finally RoutingMaster Z+1 I didn't receive any requirement for the RoutingMaster rank so can you also check this?</p> <p>Enrico</p> <p>On 24/07/2018 14:31, Enrico Gamberini wrote:</p> <p>Hi all,</p> <p>Giovanna mentioned me that, with the new artdaq release, event builders are doing also the data logging part.</p> <p>Since I have to reshuffle the FSM a bit, I would like to ask you what are the requirement (and exceptions) to follow in the new situation, as for example order of configure and start/stop.</p> <p>The current situation is:</p> <p>CONFIGURE: configure is sent to all artdaq processes at the same time except in the BoardReaders node in which the timing is configured (completing the transition) before the other types.</p> <p>START: RoutingMaster ; Aggregators (DataLoggers + Dispatcher) ; EventBuilders, BoardReaders (again timing before others) ; OnlineMonitor and InhibitMaster</p> <p>STOP: OnlineMonitor and InhibitMaster ; BoardReaders (again timing before others) ; EventBuilders ; Aggregators (DataLoggers + Dispatcher) ; RoutingMaster</p> <p>Exceptions:</p> <ul style="list-style-type: none"><li>- daq.shutdown command is not sent to Dispatchers</li><li>- processes are killed after DataLoggers go to UNKNOWN</li></ul> <p>Is this logic confirmed, of course removing the DataLoggers from the logic?</p> <p>Thank you,</p> <p>Enrico</p>			